

REMARKS

Before this amendment, claims 1, 2, 4-6, 9-10, 13-17 and 20 were pending in the application. Applicants have cancelled claims 1, 2, 4-6, 9-10, 13-17 and 20 and added new claims 23-30. Applicants respectfully submit that the new claims are allowable over the art cited by the Examiner.

A. Claim Rejections under 35 U.S.C 103(a)

The Examiner rejects all of the previously pending claims as being unpatentable over Bernard (US4236125) in view of Nakamichi (EP0909024A2) and Makino (US5945887). Applicants respectfully submit that the new claims include features not taught or suggested by any of the cited references either individually or in combination.

For example, claim 23 recites a tunable isolator circuit comprising matching circuits that comprise ferro-electric tunable components that provide natural impedance matching to electrical components connected to the ports where a “first ferro-electric (FE) tunable component, second ferro-electric (FE) tunable component, third ferro-electric (FE) tunable component, and the micro-electrical-mechanical switch are adjustable during operation of the tunable isolator circuit to tune a frequency of operation of the tunable isolator circuit from within a personal communications services (PCS) frequency band to within another PCS frequency band”. Applicants respectfully submit that neither Bernard, nor Nakamichi, nor Makino, nor any combination of the three, teaches or suggests this feature and that claim 1 is allowable.

Regarding claims 24-29, these claims depend from claim 23 which applicants submit is allowable. Accordingly, claims 24-29 are at least allowable for the reason that these claims depend from an allowable base claim.

B. Claim Rejections under 35 U.S.C 112

The Examiner rejected claims 1, 2, 4-6, 9-10, 13-17 and 20 under 35 U.S.C. 112, first paragraph, as failing to comply with the written description requirement. The Examiner indicated that it did not appear that there is support in the disclosure for first, second, etc. control signals. Applicants, respectfully submit that the disclosure does support multiple control signals since one skilled in the art would understand from the

teachings that each ferro-electric component is adjustable and that separate control signals could be used to control each component separately. New claims 23-30, however, do not recite first second and third control signals. Accordingly, applicants respectfully submit that the new claims meet the requirements of section 112.

C. Conclusion

For all the foregoing reasons, allowance of claims 23-30 pending in the present application is respectfully requested. If necessary, applicant requests, under the provisions of 37 CFR 1.136(a) to extend the period for filing a reply in the above-identified application and to charge the fees for a large entity under 37 CFR 1.17(a). The Director is authorized to charge any additional fee(s) or any underpayment of fee(s) or credit any overpayment(s) to Deposit Account No. 50-3001 of Kyocera Wireless Corp.

Respectfully Submitted,

Dated: March 26, 2007

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